

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY
APPLICANTS

Atty. Docket No. (Opt.)

FOC1130

Applicant

Siegele, et al.

Application Number

10/716,195

Filed

November 18, 2003

For:

MODULAR MOLECULAR HALOGEN GAS
GENERATION SYSTEM

Certification Under 37 C.F.R. §1.8

I hereby certify that this document is being deposited
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Mail in an envelope addressed to: Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22312-1450 on

MARCH 24, 2004.


Laura M. McGuire

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the art listed on the attached PTO/SB/08A and PTO/SB/08B forms be considered and cited in the examination of the above-identified application. A copy of the art is enclosed for the convenience of the Examiner.

Furthermore, pursuant to 37 C.F.R. §§ 1.97(g) and (h), no representation is made that a search has been made or that this art is material to patentability of the present application. Applicants respectfully submit that the claims of Applicants' above-referenced patent is patentably distinguishable from these references.

Applicants believe no fees are due, however the Commissioner is hereby authorized to charge any fees due, or refund any credit, to Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich LLP for any fee under 37 C.F.R. §1.17(i).

Respectfully submitted,

~~Gray Cary Ware & Freidenrich LLP~~
Attorneys for Applicants

Dated: 3/22, 2004

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PTO/SB/08A (04-03)

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First Named Inventor	Siegele, et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	FOC1130

Sheet 1 OF 5

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code (if known)		
	A1	3,976,447		08/24/76	Merchant, et al.
	A2	4,960,488		10/02/90	Law, et al.
	A3	5,207,836		05/04/93	Mei Chang
	A4	5,336,832		08/09/94	Alfred E. Keller
	A5	5,549,802		08/27/96	Xin S. Guo
	A6	5,565,038		10/15/96	Ethan Ashley
	A7	5,685,916		11/11/97	Ye, et al.
	A8	5,756,400		05/26/98	Ye, et al.
	A9	5,788,778		08/04/98	Shang, et al.
	A10	5,788,799		08/04/98	Steger, et al.
	A11	5,844,195		12/01/98	Fairbairn, et al.
	A12	6,020,035		02/01/00	Gupta, et al.
	A13	6,029,718		02/29/00	Jackson, et al.
	A14	6,109,206		08/29/00	Maydan, et al.
	A15	6,159,333		12/12/00	Gupta, et al.
	A16	6,255,222		07/03/01	Xia, et al.
	A17	6,264,852		07/24/01	Herchen, et al.
	A18	6,271,148		08/07/01	Kao, et al.
	A19	6,352,081		03/05/02	Lu, et al.
	A20	6,374,831		04/23/02	Chandran, et al.
Examiner Signature				Date Considered	

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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code (if known)		
	A21	6,379,575		4/30/02	Yin, et al.
	A22	6,387,288		5/14/02	Bjorkman, et al.
	A23	2002/0074013A1		6/20/02	Shang, et al.
	A24	2,879,212		03/24/59	Hill, et al.
	A25	3,146,179		08/25/64	Davies
	A26	3,684,667		08/15/72	Sayce
	A27	4,125,443		11/14/78	Grant, et al.
	A28	4,176,018		11/27/79	Faron, et al.
	A29	4,312,718		01/26/82	Watanabe, et al.
	A30	4,900,395		02/13/90	Syverson, et al.
	A31	4,960,488		10/02/90	Law, et al.
	A32	5,002,632		03/26/91	Loewenstein, et al.
	A33	5,298,112		03/29/94	Hayasaka, et al.
	A34	5,378,324		01/03/95	Hodgson
	A35	5,405,491		04/11/95	Shahvandi, et al.
	A36	5,597,495		01/28/97	Keil, et al.
	A37	5,705,080		01/06/98	Leung, et al.
	A38	5,762,813		06/09/98	Takiyama, et al.
	A39	5,846,886		12/08/98	Hattori, et al.
	A40	5,849,639		12/15/98	Molloy, et al.
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Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code (if known)		
	A41	5,872,061		02/16/99	Lee, et al.
	A42	5,880,031		03/09/99	Wong
	A43	5,880,032		03/09/99	Doi, et al.
	A44	5,888,309		03/30/99	Yu
	A45	5,904,566		05/18/99	Tao, et al.
	A46	5,935,874		08/10/99	Kennard
	A47	5,970,376		10/19/99	Chen
	A48	5,980,769		11/09/99	Yanagisawa, et al.
	A49	6,007,733		12/28/99	Jang, et al.
	A50	6,024,887		02/15/00	Kuo, et al.
	A51	6,024,888		02/15/00	Watanabe, et al.
	A52	6,051,505		04/18/00	Chu, et al.
	A53	6,080,530		06/27/00	Shao et a.
	A54	6,143,191		11/07/00	Baum et al.
	A55	5,073,232		12/17/91	Ohmi et al.
	A56	5,100,495		03/31/92	Ohmi et al.
	A57	6,095,158		08/01/00	Shugrue
	A58	4,960,488		10/02/90	Law et al.
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Sheet	4	of	5	Atty Docket Number		FOC1130	
Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENTS			Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document	
		Country Code	Number	Kind Code			
	B1	EP0697467			A1	21/02/96	Applied Materials, Inc.
	B2	WO 99/06611			A1	11/02/99	Applied Komatsu Technology, Inc.
	B3	WO 99/28538			A1	10/06/99	Fluorogas Limited
	B4	EP0965661			A2	22/12/99	British Nuclear Fuels PLC
	B5	EP1076355			A2	14/02/001	Applied Materials, Inc.
	B6	EP 1052466			A1	11/15/00	Ebarra Corporation
	B7	EP 035 669			B1	01/29/97	Hashimoto Chemical Industries Co., Ltd.
	B8	EP 0604393			B1	11/05/97	Hashimoto Chemical Industries Co., Ltd.
	B9	JP 3183125			--	09/08/91	Semiconductor Energy Lab Co. Ltd.
Examiner Signature						Date Considered	

FORM PTO 1449 US Department of Commerce Patent and Trademark Office				Application Number		10/716,195	
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Examiner Initials	Cite No.	OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					Date
	C1	Foon and Kaufman, Kinetics of Gaseous Fluorine Reactions,, Progress in Reaction Kinetics, Vol. 8, No. 2, pp. 81-93					1975
	C2	C.J McGab, VLSI Technology, Section 8.3-Dry Etching, McGraw Hill Book Co., pp. 312-317,					1983
	C3	MKS ASTeX® Products Announces ASTRON®e Ser High Flow Reactive Gas Generators for Process Chamber Cleaning Applications, Information printed from website www.astex.com/prastrone.html					May 26, 2002
	C4	Ohira, et al., "Evaluation of Fluorine Gas as an Alternative Plasma-Enhanced Chemical Vapr Deposition Chamber Clean Chemistry" presentation sponsored by New Energy and Industrial Technology Development Organization.					June 2002
	C5	Working Agreement between Syngen Enterprises Ltd. and Fluorogas Ltd., Client I: Applied Materials, Exhibit P-1.					October 6, 1998
	C6	Working Agreement between Syngen Enterprises Ltd. and Fluorogas Ltd., Client II: Novellus, Exhibit P-2.					October 6, 1998
Examiner Signature						Date Considered	